

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 07-014281

(43)Date of publication of application : 17.01.1995

(51)Int.Cl.

G11B 17/04
G11B 17/035

(21)Application number : 05-177557

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(22)Date of filing : 25.06.1993

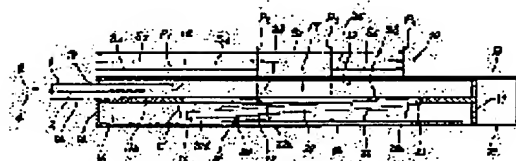
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(54) DISK DEVICE

(57)Abstract:

PURPOSE: To make a disk device thin by a method wherein, when a caddy which houses a disk is inserted into the disk device, a movable frame is turned upward and a disk table and a pickup are inserted from below the caddy.

CONSTITUTION: When a caddy 1 in which a CD-ROM 2 is housed is pulled into by an insertion completion device P4 and reaches the center of a disk table 23, a moving frame 20 is driven to turn upward. Then, the table 23 and an objective lens 24 for an optical pickup 25 are inserted into an opening in the caddy 1 from the lower part. Consequently, the table 23 is fitted into the central hole of the ROM 2, it raises the intermediate part of the caddy 1, the ROM 2 is magnetically chucked onto the table 23 by a disk clumper, and the lens 24 is brought close to the rear surface. After that, the ROM 2 is turned integrally with the table 23 by a spindle motor, and a recording and operation is performed. When the movable frame is turned up and down in this manner, a large space is not required, and a device can be made thin.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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